

ANISOTROPIC CONDUCTIVE SHEET AND ITS MANUFACTURING METHOD, AND ELECTRICAL INSPECTION DEVICE FOR CIRCUIT DEVICE

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Abstract of JP2001093945

PROBLEM TO BE SOLVED: To provide an anisotropic conductive sheet, with which required electrical connection is surely attained with a small pressure for an electrode having a small area and/or electrode on which an oxide film is formed, so that the surface of the electrode is not contaminated, and a method for manufacturing it, and an electrical inspecting device for a circuit device provided with the anisotropic conductive sheet.

SOLUTION: An anisotropic conductive sheet is provided with a main body, where a plurality of elastic conductive path forming parts extending in a thickness direction are placed being insulated from one another using an insulating part, and a pyramidal or truncated- pyramidal contact member provided on the conductive path forming part of the body. In this method for manufacturing, using a contact aligned board that is formed so that a plurality of recessed parts having a form fitted for the contact to be formed are made to correspond to the conductive path forming part of the main body to be formed, the contact is formed by filling each of recessed parts with a conductive material, and the main body is formed on the contact aligned board on which the contact is held, and the contact aligned board is removed. An electrical inspection device is provided with an inspecting circuit board, containing an inspecting electrode and the anisotropic conductive sheet.

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